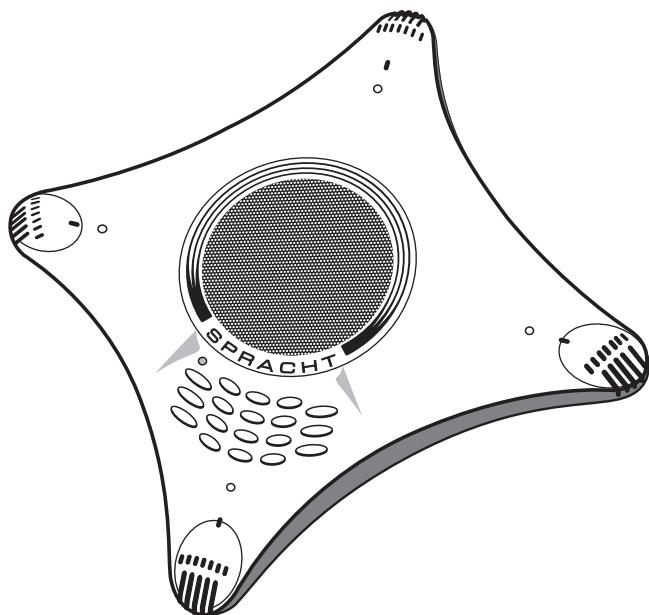




Voice Center™
Conference Phone
Model CP-2012



User's Manual

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Introduction

Thank you for choosing the Voice Center Conference Phone, a high performance audio conferencing system. Its features include:

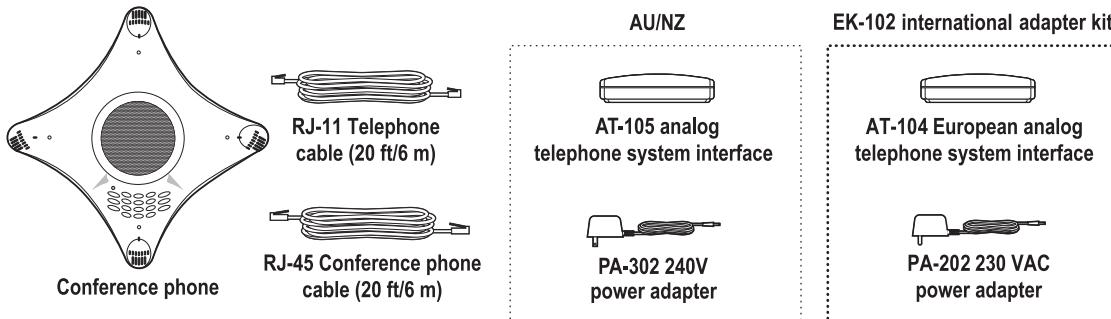
- **Full duplex communication** – the Voice Center's digital speech processing enables simultaneous two-way communication. This eliminates clipped sentences and awkward one-way conversations, allowing smooth and natural discussion.
- **PBX compatible** – the Voice Center Conference Phone has the versatility to function with virtually all phone systems: standard analog lines, and (with optional digital adapter) even multi-line and digital PBX systems.
- **360° coverage** – four built-in microphones provide 360° coverage so all participants can speak and be heard clearly from anywhere in the room.
- **Convenient controls** – The keypad provides control keys for volume, mute, redial, and "flash" (which enables three-way conference calls). LEDs indicate call status and mute operation.
- **Expandable** – the Voice Center Conference Phone has input jacks for two external microphones for use in larger conference rooms, and also includes an RCA output jack so conference calls can be recorded.

For complete specifications, see page 14 of this manual.

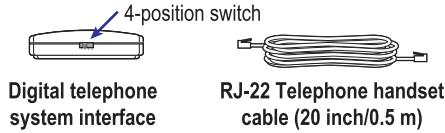
Quick Start Guide

1. Package Contents

Check the package contents to confirm you have everything at hand.



For digital telephone systems, the DT-104 Digital Telephone System Interface (sold separately) is also required. Contents of the DT-104 Digital Interface package:



2. Safety Precautions

The Voice Center Conference Phone is an electrical product. As with any electrical product, observe reasonable precautions to avoid risk of fire or electrical shock. Specifically,

- Do not use this product near water, such as near a sink or bath tub, or in a wet area, such as in a wet basement. **Caution:** This product is for indoor use only.
- Do not use a telephone during an electrical storm; there is some risk of electrical shock from lightning.
- Do not use this conference phone near a gas leak or vapors that could be ignited.
- Follow the instructions in this User's Manual.

3. Analog or Digital Telephone System?



Caution: if the Voice Center is connected to a digital telephone system using the Analog Telephone System Interface, it will not operate correctly, and may cause damage to the AT-103 Analog Interface and cause it to overheat. It is therefore important to use the correct interface for your telephone system.

How do you determine if your telephone system is analog or digital?

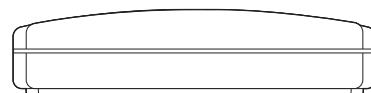
The best way is to consult the phone system's documentation or - in a corporate environment - to call your company's teleservices department. Here is additional information to help you determine the type of phone system you have.

Analog

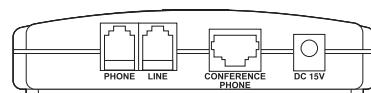
Analog phones are used for public switched telephone networks - plain old telephone service (POTS) from Ma Bell. However, some private exchanges support analog telephones, fax machines, and modems. Look at the back of your telephone; if it says, "complies with Part 68, FCC Rules," and has a Ringer Equivalence Number (REN), the phone and line are analog.

For analog telephone systems, use the Voice Center AT-103 Analog Interface shown at right (supplied with the Voice Center Conference Phone), and follow the installation and operating instructions that begin on page 4.

Front view



Rear view



AT-103 Analog Telephone System Interface

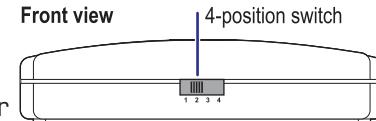
Digital



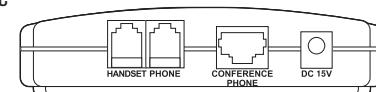
Digital telephone systems are usually found in corporate environments. Most PBXs (private branch exchanges) are digital. Signs that the phone and line are digital: phones with multiple function keys and/or multiple lines, the need to dial 9 for an outside line, no fax machines or modems connected directly to the phone line. **Caution:** if analog equipment is connected directly to a digital telephone system, it will not work, and the equipment can be damaged.

For digital telephone systems, use the Voice Center DT-104 Digital Interface shown at right (sold separately from the Voice Center Conference Phone). The Digital Interface is the same size and shape as the Analog Telephone System Interface, but has different circuitry; the Digital Interface can be identified by the 4-position switch on its front side. For digital telephone systems, follow the installation and operating instructions that begin on page 8.

Front view



Rear view



DT-104 Digital Telephone System Interface

4. Setup Tips

- Choose an appropriate location for the Conference Phone.
 - Use the Conference Phone in an environment as free as possible from background noise.
 - To minimize echoes, position the conference phone at the center of the room, or at least away from walls.
 - Avoid items that could cause noise or acoustic interference.
- Set up the Conference Phone following the instructions for the type of telephone system you are using:
 - Instructions for an Analog Phone System begin on page 4.
 - Instructions for a Digital Phone System begin on page 5.
- Make adjustments (as necessary) to obtain optimal acoustic performance.
Important: The Voice Center Conference Phone's digital sound processing actively responds to the acoustic environment. In small and/or reflective rooms, resonance (echoes) can cause variable performance. Some small adjustments can dramatically improve results. See page 12 for tips to improve acoustic performance.



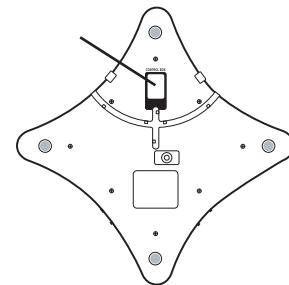
Analog Telephone System

Setup with Analog Telephone System

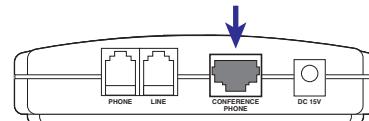
If you are connecting the Voice Center Conference Phone to an analog telephone system, follow the instructions below. In North America, use the AT-103 Analog Telephone System Interface supplied with the conference phone; in Europe, use the AT-104 European Telephone System Interface (available in the EK-102 international adapter kit). Throughout the instructions, the Voice Center Conference Phone is referred to as "Conference Phone" and the Analog Telephone System Interface (whether AT-103 for North America or AT-104 for Europe) is referred to as "Analog Interface".

1. Connect Conference Phone to Analog Interface using the RJ-45 conference phone cable supplied with the Conference Phone.

- Plug one end of the RJ-45 conference phone cable (larger than a standard RJ-11 cable) into the connector labeled "Control Box" on the underside of the Conference Phone.
- Place the Conference Phone on the table where it will be used. For best acoustics, place the Conference Phone at least 20 inches (0.5 m) from any wall and at least 6 inches (0.15 m) from the edge of the table.

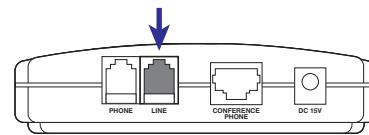


- Plug the other end of the RJ-45 cable into the Analog Interface connector labeled "Conference Phone."



2. Connect Analog Interface to telephone jack using RJ-11 telephone cable.

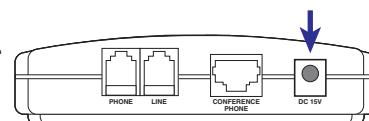
- Plug one end of RJ-11 telephone cable supplied with the Conference Phone into the Analog Interface connector labeled "Line."
- Plug the other end of that RJ-11 cable into a telephone jack.



3. Connect Conference Phone power adapter to Analog Interface.

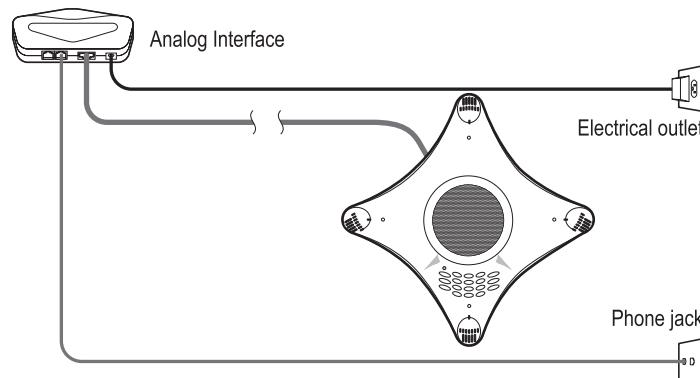
In AU/NZ, use 240V power adapter (PA-302, supplied with Conference Phone); in Europe, use 230 VAC power adapter (PA-202, available in EK-102 European adapter kit).

- Plug DC plug on power adapter cord into the Analog Interface connector labeled "DC15V."
- Plug power adapter into a nearby electrical outlet (do not exceed voltage rating of power adapter).



Note: At this point, the Conference Phone will emit a musical jingle; this self-test allows it to automatically calibrate its performance for the acoustic environment.

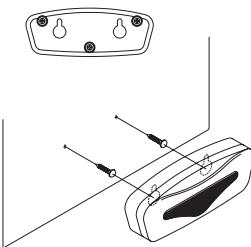
Analog Telephone System Interface



Wall Mounting of Analog Interface (Optional)

- Install the two mounting screws supplied with the Analog Interface in the wall. Leave approximately 3/16 in. (0.5 cm) between screw head and wall.
- Place the Analog Interface over the mounting screws and slide it down to fix it in position.

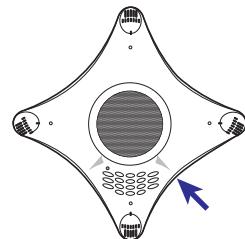
For wall mounting



Selection of Tone or Pulse Dialing

The user may select either pulse or tone dialing (DTMF, dual-tone multi-frequency). To change the dialing mode:

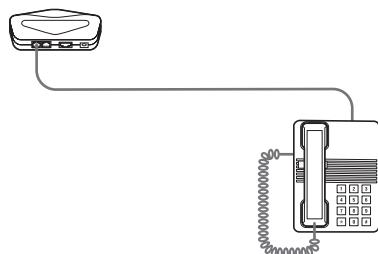
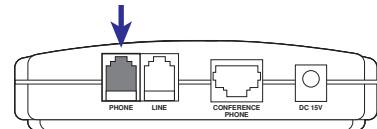
- Slide the switch located on the side of the Conference Phone to match the dialing mode of the telephone network being used. Factory setting is Tone.



Connection of Standard Phone for Private Conversations (Optional)

To conduct private conversations using a handset, you may connect a standard analog telephone to the Voice Center Analog Interface:

- Plug a standard RJ-11 cable from the analog telephone into the connector in the Analog Interface labeled "Phone".



The standard phone is then connected to the telephone line in parallel with the Conference Phone, and the standard phone and Conference Phone can be used independently.

To transfer a call from the Conference Phone to an external analog telephone connected as noted above:

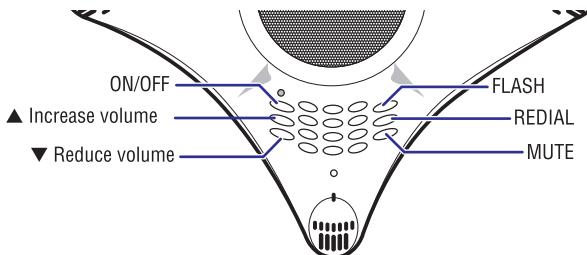
- Pick up the analog telephone handset while the Conference Phone is on.
- Turn off the Conference Phone by pressing its ON/OFF key.

To transfer a call from the external analog telephone to the Conference Phone:

- While the private call is in progress, turn on the Conference Phone by pressing its ON/OFF key.
- Hang up the handset of the external telephone.

Analog Systems

Keypad Functions with Analog Phone System



ON/OFF

Pressing the ON/OFF key turns the Conference Phone on to obtain a dial tone, or turns it off to terminate a call. When the Conference Phone is on, green LEDs illuminate by all active microphones.

REDIAL

If a dial tone is available, pressing the REDIAL key redials the last number dialed on the Conference Phone.

Note: you do not need to press ON/OFF before REDIAL.

FLASH

This key provides access to special telephone service features - if you have enrolled in these services from your local telephone company:

- Call waiting - pressing FLASH key switches between calls (requires subscription to local telephone company's call waiting service).
- Three-way calling - pressing FLASH key places present call on hold and provides a dial tone; after dialing another call, pressing the FLASH key once more begins the three-way call (if you have subscribed to local telephone company's three-way call service).

Standard 12-button Telephone Keypad (10 digits plus * and #)

Use 12 keys to dial telephone numbers.

▼ (reduce volume)

Pressing ▼ key when phone is ringing (or no call is in progress) decreases the **ringer** volume.

Pressing ▼ key while a call is in progress decreases the **speaker** volume.

▲ (increase volume)

Pressing ▲ key when phone is ringing (or no call is in progress) increases the **ringer** volume.

Pressing ▲ key while a call is in progress increases the **speaker** volume.

MUTE

Pressing the MUTE key during a call turns off all microphones. Microphone LEDs change to red to indicate conference phone participants cannot be heard at the other end of the line. Pressing the MUTE key again reactivates the microphones (and microphone LEDs change from red to green).

Conference Phone Operation with Analog Phone System

Answering a call

When the Conference Phone rings, press the ON/OFF key to answer the call. The green LED illuminates to indicate the Conference Phone is on.

Adjusting the speaker volume

While a call is in progress use the ▼ (decrease volume) and ▲ (increase volume) keys to adjust the speaker volume. The speaker volume setting is saved until adjusted again.

Adjusting the ringer volume

When the phone is ringing (and a call is **not** in progress) use the ▼ (decrease volume) and ▲ (increase volume) keys to adjust the ringer volume. The ringer volume setting is saved until adjusted again.

Placing a call

Press the ON/OFF key to obtain a dial tone, then dial the call using the Conference Phone keypad.

Redialing a call

While the Conference Phone is off (green LED not lit), press the REDIAL key to call the last number dialed. To cancel the automatic redial, press the REDIAL key again.

Muting a conversation

To turn off all microphones during a conversation, press the MUTE key. Microphone LEDs change to red to indicate conference participants cannot be heard at the other end of the line.

Ending a call

Press the ON/OFF key. The green LED will extinguish.

Accessing special telephone service features

These features are only available if you have enrolled in these services with your local telephone company:

Call waiting:

Press FLASH key to switch between calls.

Three-way calling:

1. Press FLASH key to place present call on hold and obtain a dial tone.
2. Dial the second call.
3. Press the FLASH key once more to begin the three-way call.

Using a standard phone connected to the Analog Interface

A standard analog telephone may be connected to the Voice Center Analog Interface to allow private conversations using a handset (see setup instructions on page 5). The following instructions explain how to transfer calls between the Conference Phone and an external telephone connected to the Analog Interface.

- To transfer a call from the Conference Phone to the external analog telephone:
 1. Pick up the telephone handset while the Conference Phone is on.
 2. Turn off the Conference Phone by pressing its ON/OFF key.
- To transfer a call from the external analog telephone to the Conference Phone:
 1. While the private call is in progress, turn on the Conference Phone by pressing its ON/OFF key.
 2. Hang up the handset of the external telephone.

Digital Telephone System



Setup of Conference Phone with Digital Phone System

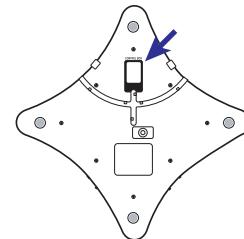


Note: The DT-104 Digital Telephone System Interface is required for use of the Voice Center Conference Phone with a digital phone system.

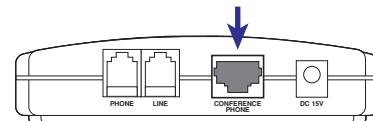
Follow the steps below to set up the system. Throughout the instructions, the Voice Center Conference Phone is referred to as "Conference Phone" and the DT-104 Digital Telephone System Interface is referred to as "Digital Interface."

1. **Connect Conference Phone to Digital Interface** using the RJ-45 conference phone cable supplied with the Conference Phone.

- Plug one end of the RJ-45 conference phone cable (larger than a standard RJ-22 cable) into the connector labeled "Control Box" on the underside of the Conference Phone.

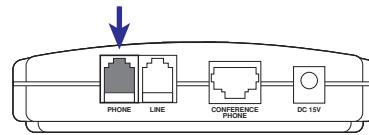


- Plug the other end of the RJ-45 cable into the Digital Interface connector labeled "Conference Phone."

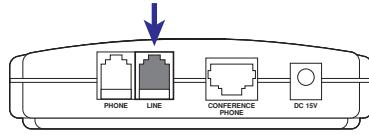


2. **Connect Digital Interface to digital telephone** using RJ-22 telephone handset cables.

- Unplug handset "curly cord" from digital telephone and plug it into the Digital Interface connector labeled "Handset."



- Plug one end of RJ-22 telephone handset cable supplied with the Digital Interface into the Digital Interface connector labeled "Phone."



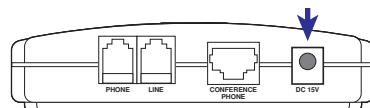
- Plug the other end of that RJ-22 cable into the handset jack on the digital telephone (from which the handset curly cord was disconnected). See diagram at top of page 9.

Hang up the handset on the digital telephone.

3. **Connect Conference Phone power adapter** to Digital Interface.

In North America, use 120 VAC power adapter (PA-102, supplied with Conference Phone); in Europe, use 230 VAC power adapter (PA-202, available in EK-102 international adapter kit).

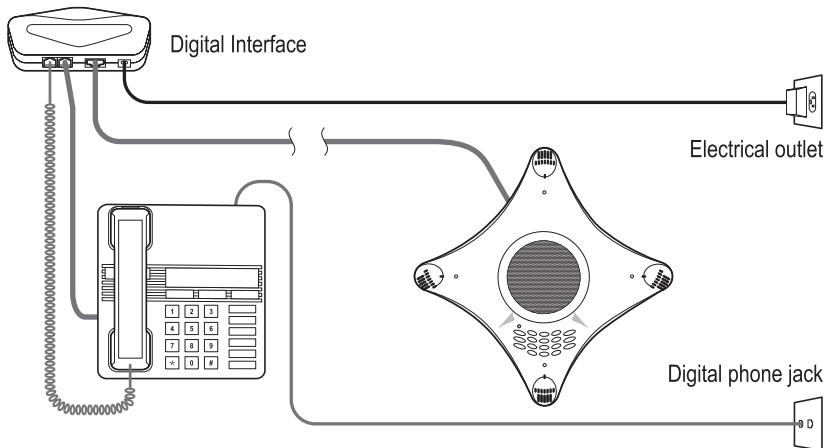
- Plug DC plug on power adapter cord into the Digital Interface connect labeled "DC15V."
- Plug power adapter into a nearby electrical outlet (do not exceed voltage rating of power adapter).



Note: At this point, the Conference Phone will emit a musical jingle; this self-test allows it to automatically calibrate its performance for the acoustic environment.

Note: See system illustration on next page.

Digital Telephone System Interface



- Use Digital Interface's 4-position switch to adjust audio level by making a test call.

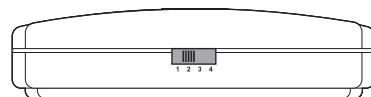
- Lift digital telephone handset from its cradle, then press Conference Phone's "On/Off" key.

Important: the digital telephone handset must be "off-hook" for the duration of the call; the Digital Interface disables the handset microphone when the Conference Phone is on.

- Place the call from the digital telephone's keypad.

Note: The Conference Phone keypad cannot be used to dial calls through most digital phone systems; the keypad on the digital telephone must be used.

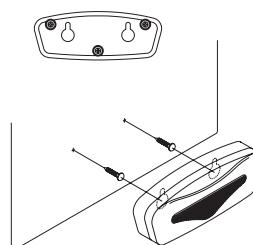
- Adjust the audio level with the 4-position switch (level 1 is highest, level 4 is lowest). If the setting is too high for the digital telephone, the party at the other end of the line may get noise feedback (buzz, tone, or squeal); if the setting is too low, your voice may be too faint to be heard.
- End the call by pressing the Conference Phone's "On/Off" key and hanging up the digital telephone handset.



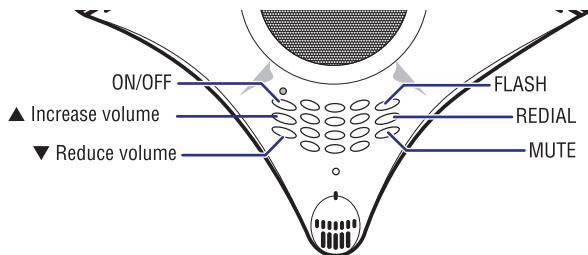
Wall Mounting of Digital Interface (Optional)

- Install the two mounting screws supplied with the Digital Interface in the wall. Leave approximately 3/16 in. (0.5 cm) between screw head and wall.
- Place the Digital Interface over the mounting screws and slide it down to fix it in position.

For wall mounting



Keypad Functions with Digital Phone System



ON/OFF

Pressing the ON/OFF key turns the Conference Phone on to connect a call, or turns it off to terminate the Conference Phone conversation. When the Conference Phone is on, green LEDs illuminate by all active microphones.

With a digital telephone system, Conference Phone calls go through the digital telephone connected to the DT-104 Digital Interface, and that digital telephone's handset must be off hook for the duration of the call. When the Conference Phone is turned on, it disables the microphone in the digital telephone handset so conversation is conducted only through the Conference Phone.

Standard 12-button Telephone Keypad, REDIAL, FLASH

When using the Conference Phone with a digital telephone system, you must dial calls on the digital telephone connected to the DT-104 Digital Interface. The standard 12-button telephone keypad, REDIAL, and FLASH keys do not function with most digital telephone systems.

▼ (reduce volume)

Pressing ▼ key when phone is ringing (or no call is in progress) decreases the **ringer** volume.

Pressing ▼ key while a call is in progress decreases the **speaker** volume.

▲ (increase volume)

Pressing ▲ key when phone is ringing (or no call is in progress) increases the **ringer** volume.

Pressing ▲ key while a call is in progress increases the **speaker** volume.

MUTE

Pressing the MUTE key during a call turns off all microphones. Microphone LEDs change to red to indicate conference participants cannot be heard at the other end of the line. Pressing the MUTE key again reactivates the microphones (and microphone LEDs change from red to green).

Conference Phone Operation with Digital Phone System

Answering a call

1. When the phone rings, pick up the digital telephone handset to accept the call.
2. Press the ON/OFF key to take the call on the Conference Phone. The green LED illuminates to indicate the Conference Phone is on; the microphone in the digital telephone handset is disabled while the Conference Phone is on.

Note: the digital telephone handset must remain off-hook for the duration of the call.

Adjusting the speaker volume

While a call is in progress use the ▼ (decrease volume) and ▲ (increase volume) keys to adjust the speaker volume. The speaker volume setting is saved until adjusted again.

Note: When a call is **not** in progress, pressing the volume keys adjusts the **ringer** volume. The ringer volume setting is saved until adjusted again.

Placing a call

1. Pick up the digital telephone handset and dial the call.
2. Press the ON/OFF key to take the call on the Conference Phone.

Note: with a digital telephone system, you must use the digital telephone to dial all calls. You cannot use the Conference Phone keypad to dial or redial calls with a digital telephone system.

Note: the digital telephone handset must remain off-hook for the duration of the call.

Muting a conversation

To turn off all microphones during a conversation, press the MUTE key. Microphone LEDs change to red to indicate conference participants cannot be heard at the other end of the line. Press the MUTE key again to turn on the microphones.

Ending a call

Hang up the digital telephone handset.

Press the ON/OFF key. The green LED will extinguish.

General Setup Tips

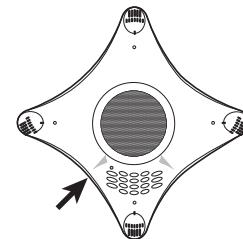


Tips for Obtaining Optimal Acoustic Performance

- To minimize echoes, place the Conference Phone at the center of the room, or at least away from walls (at least 20 inches/0.5 m from any wall).
- It is important to place the Conference Phone on the surface where it will be used before applying power. When power is applied to the Conference Phone, it emits a series of self-test tones to automatically calibrate its performance for the acoustic environment.
- If you significantly change the acoustic environment (for example, by placing the Conference Phone in a different location), cycle the power (unplug the power adapter, then plug it in again). This allows the Conference Phone to adapt to its new surroundings and deliver optimal performance.
- Do not move the Conference Phone during a conversation.
- Use the Conference Phone in an environment as free as possible from background noise.
- Whenever possible, keep items that could cause noise or acoustic interference away from the Conference Phone and (if used) External Microphones. Items that could compromise audio quality include plants, cups, and papers near the microphones.
- Have speakers direct their voices toward the Conference Phone or (if used) External Microphone.
- Speak at normal conversational volume.
- To obtain best audio quality, adjust the microphone setup for the room size and arrangement:
 - In a small, closed room without sound-absorbing walls, use the microphone selection switch to activate only one of the Conference Phone's built-in microphones.
 - For large rooms and irregular layouts (such as L-, U-, and T-shaped conference tables), connect External Microphones (EM-101 purchased separately).

Selecting Number of Built-in Microphones That Will Be Active

The user can select how many of the Conference Phone's built-in microphones will be active - two, three, or all four. The factory setting is four, but in smaller rooms and asymmetric conference arrangements, better audio quality sometimes can be obtained by deactivating one or two of the built-in microphones. The microphone selection switch is located on the side of the Conference Phone, and is labeled to indicate the number of microphones activated.

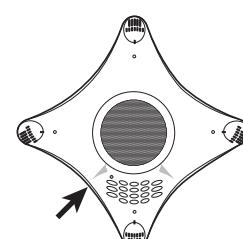


When the Conference Phone is on, a green LED illuminates by each active microphone.

Setting up the Conference Phone Global Region

The regional switch can be found on the side of the conference as indicated by the arrow. Please select the appropriate setting for your region -

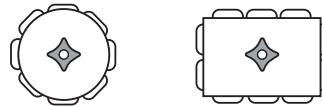
- 0.6 for Australia/New Zealand
- 0.3 for the United States
- 0.1 for Europe.



Installation of External Microphones (Optional)

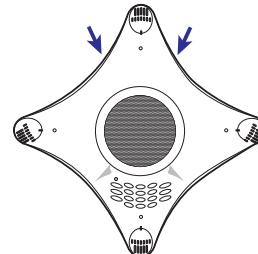
The Voice Center Conference Phone has 4 built-in microphones for complete 360° coverage in areas up to 10 x 15 ft (3 x 4.5 m).

The Voice Center Conference Phone has RJ-22 input jacks for two external microphones to extend coverage in larger areas and to allow for irregular layouts. Voice Center External Microphones (Spracht catalog no. EM-101) are sold separately from the Voice Center Conference Phone. An EM-101 External Microphone comes with a 70 inch (1.8 m) cable with RJ-22 connector.

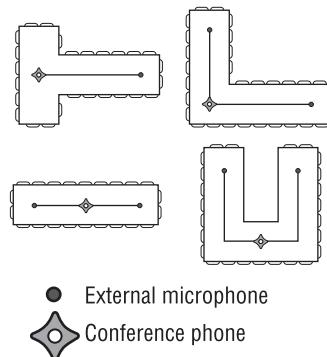


To install an external microphone:

1. Plug the RJ-22 microphone connector into one of the two microphone connectors on the side of the Conference Phone; the microphone connectors are labeled "EXTERNAL MIC."



2. Place the external microphone at least 18 inches (0.5 m) from the Conference Phone and (if present) another external microphone. The diagrams below show some common arrangements for external microphones with the Conference Phone.

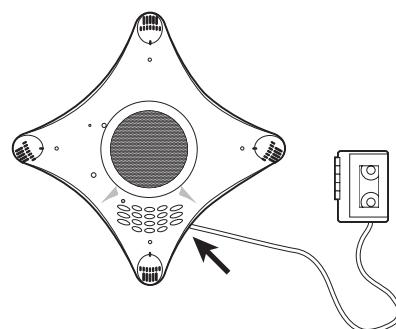


Connection of an External Recording Device (Optional)

The Voice Center Conference Phone provides an RCA jack for connection of an external recording device (such as a tape recorder). This provides a convenient means to record a teleconference held with the Conference Phone, and to obtain the highest quality recording possible.

The connection for the external recording device is an audio RCA coaxial connector located on the side of the Conference Phone.

Any recording device connected to the port must have an ACA approved line isolation device fitted.



Specifications

Conference Phone

Controls and Interface

Switches	Microphone switch to turn on 2, 3 or all 4 built-in microphones	Tone/pulse switch to select telephone dialing mode
LED indication lights	Green LEDs (one by each active microphone) indicates unit is on	4 red LEDs (one by each microphone) indicate mute is activated
Speakerphone connections	Inputs: RJ-45 for telephone interface cable 2 RJ-22 jacks for external mics	Output: 1 RCA jack for connection to external recorder (not supplied)

Electrical specifications

Power	15 VDC; 120 VAC adapter supplied (input 120 VAC 60 Hz, output 900mA at 15 VDC)	
Current draw	Standby: 110 ± 10 mA	Operation: 220 mA and above
Output of loudspeaker		5W at 8Ω
Microphone sensitivity		4 internal microphones: -47 ± 4 dB

Mechanical specifications

Speakerphone (main body)	13.75 inch (350 mm) diameter 1 lb. 10 oz. (740 g)	Comes with 20 ft (6 m) RJ-45 cable
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Telephone System Interface

Connections	Inputs:	Outputs:
Both analog and digital	15 VDC for power adapter	RJ-45 cable to conference phone
Analog	RJ-11 for telephone line	RJ-11 for external telephone (neither cable nor telephone supplied)
Digital	RJ-22 for telephone handset	RJ-22 cable connection to handset jack
Dimensions	4.6 in. wide x 1.6 in. tall x 1 in. deep (118 x 45 x 25 mm)	
Weight	1.9 oz. (53 g)	May be mounted by telephone jack

Note: Data apply for both analog and digital telephone system interfaces unless otherwise noted.

External Microphone

Connection	Comes with 70 in. (1.8 m) cable with RJ-22 connector
Microphone sensitivity	-47 ±4 dB
Weight	2.4 oz. (69 g)

McRoss Limited Warranty Policy

McRoss warrants its products against defects or malfunctions in material and workmanship under normal use and service, with the exceptions stated below. The warranty lasts for one year from the original date of purchase. Coverage terminates if you sell or otherwise transfer the product. In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying the product.

McRoss shall (at its option) repair or replace a defective unit covered by this warranty, or shall refund the product purchase price. Repair, replacement with a new or reconditioned unit, or refund, as provided under this warranty, is your exclusive remedy. This warranty does not cover any damages due to accident, misuse, abuse, or negligence. McRoss shall not be liable for any incidental or consequential damages. Some states do not allow limitation or exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Implied warranties of merchantability and fitness for a particular purpose are limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

To make a warranty claim, the purchaser must obtain a return authorization number from McRoss (purchase date and - if applicable -- serial number are required), and then return the product to McRoss at purchaser's expense. A copy of the original dated receipt or shipping document must accompany the product. To obtain a return authorization, see below. For repair or replacement of failed product, allow 4 to 6 weeks for processing and shipment unless you have taken out the immediate replacement extended warranty (E-CP-3+).

McRoss Marketing Pty Ltd
Postal Address: PO Box 274, Mount Eliza, Victoria , Australia. 3930
Telephone: +61 3 9708 8402
Fax: +61 3 9708 8403
e-mail: info@conferencephone.com.au
website: <http://www.conferencephone.com.au>

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Extended warranty coverage

For some products, McRoss offers extended warranties for an additional charge. An extended warranty must be purchased within 30 days of purchase, and may be purchased using a credit card for payment, either using the registration and order form enclosed with the product, or by contacting McRoss at 03 9708 8402 (be ready with all information on the registration and order form). See details for specific products below.

Voice Center™ Conference Phone

For the Voice Center Conference Phone, McRoss offers two extended warranties for an additional charge.

The McRoss E-CP-3 extended warranty provides the same coverage as the Limited Warranty set forth above, but extends coverage from one year to a 3-year period. Price for the extension to 3 years is \$55.00.

The McRoss E-CP-3+ extended warranty extends coverage from one year to 3 years, and also offers advance replacement of a faulty product. McRoss will provide a functioning unit within five business days (within Australia) from the issuance of the RA number; you return the faulty product to McRoss after the replacement is received. Price for extended warranty and advance replacement is \$99.00.

Under both the E-CP-3 and E-CP-3+ extended warranties, McRoss agrees to repair or replace your Voice Center™ Conference Phone in accordance with the terms of the Limited Warranty set forth above for a period of three years from the date of purchase. The extended warranties do not cover preventive maintenance, and are subject to the limitations described above with respect to proper use of the product by the purchaser. The extended warranties are not transferable and apply only to the original purchaser of the product.

Federal Communications Commission Statement

Note: The Voice Center Conference Phone equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to connect the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Declaration of Compliance

The Voice Center Conference Phone complies with Part 68 and part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. REN: 0.1

NOTES FOR USE OF THIS DEVICE IN NEW ZEALAND

1) The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

2) Immediately disconnect this equipment should it become physically damaged, and arrange for its disposal or repair.

3) This equipment shall not be used in any manner which could constitute a nuisance to other Telecom customers.

4) Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment. The equipment shall be set to operate within the following limits for compliance with Telecom's Specifications:-

There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation.

5) The recall facility of this product may not always operate correctly on some parts of the Telecom network or on some PABX's available on the market. If this is the case then 'recall' can be activated by 'flashing' the switch-hook or repeat use of the recall button. RECALL PROBLEMS WITH THIS PRODUCT ARE NOT TO BE REPORTED TO THE TELECOM FAULTS SERVICE

6) Important notice: Under power failure conditions, this telephone may not operate. Please ensure that a separate telephone, not dependant on local power, is available for emergency use.

7) All persons using this device for recording telephone conversations shall comply with New Zealand law. This requires that at least one party to the conversation is to be aware that it is being recorded. In addition, the Principles enumerated in the Privacy Act 1993 shall be complied with in respect to the nature of the personal information collected, the purpose for its collection, how it is used and what is disclosed to any other party.



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